

Migration Status & Architecture Priorities FY03

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Agenda

- Introduction – Steve Hughes
- Overview – Steve Hughes
- Migration/Development Order
- Migration Status
- Architecture requirements for FY03

Introduction

- In a perfect world...
- In the real world...
- Architecture and the project
- Taking advantage of opportunities

Overview

- Role of the architect
- Architectural dependencies
 - Requirements
 - Time
 - Resources
- Benefits of a sound architecture

Status

- Alignment
 - Internal+External System requirements
 - Development Team alignment
 - Analysts
- Enterprise Functional Architecture
 - First draft delivered

Migration/Development Order

- Phased Approach
 - Phase 1 – Low dependency
 - Phase 2 – Medium dependency, High business priority
 - Phase 3 – High dependency, Medium business priority, High complexity

Phase 1 – Proposed last year

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y			
1				DRAFT											Analysis	Design & Development					Efforts ongoing							
2	<u>Migration Order</u>															This color represents the Architecture that need to be done for projects that will												
3				2002											2003													
4	Application Phase 1			Januar	Februa	March	April	May	June	July	August	Septen	Octobe	Novem	Decem	Januar	Februa	March	April	May	June	July	August	Septen	Octobe			
5	Phase 1																											
6	RAE	Internal	ICSTORE, QV, IQR, CRISP+, Grant Folder, GUM(View),QVR,																									
7			Ad-hoc Reporting																									
8		External	CRISP-Web, Status Reporting																									
9																												
10	Trainee Supportee	Internal	TA																									
11			Payback, SITS																									
12		External	X-Train																									
13																												
14	Program	Internal	Program Module																									
15																												
16		External	e-SNAP (Includes Prog. Rep)																									
17			FSR																									
18																												
19	Info. management	Internal	IPF																									
20																												
21		External	Self Service IPF																									
22																												
23	e-Notification	Internal	Common Mailer																									
24			email notification & registration																									
25		External	Mailer																									
26																												
27	e-Request		Infrastructure																									
28		Internal	ARA																									
29			901																									
30			Type 4, 6, 7, 8 Processing																									
31		External	ARA Request																									
32			No Cost Extension																									
33																												
34	CM	Internal	Fastrack																									
35																												
36	Common Modules	Internal	Person Module																									
37		External	Self Service Person Module																									
38		Infrastru	Edit Checker																									
39																												
40	Other Applications	Both	Internet Assisted Review																									
41																												
42		External	Registration; Account admin																									
43		Both	Grants Closeout																									
44		Both	iEdison (?)																									
45																												

Phase 1 Accomplished

Internal	External	Criteria			
Phase 1		Dependency	Complexity	Business Priority	Need to be web based
Committee Management					
CM Fast track		Low	High	Timeline Attached	Yes
RAE					
ICSTORE, QV, CRISP+, IQR, GrantFolder, GUM – View only, QVR, ECB	CRISP-Web, Status	Low	Low	Timeline Attached	
Trainee – Supportee					
Trainee	X-Train	Low	Low	Timeline Attached	
Program					
Program Module + Program part of ICO, Program Portal	e-SNAP FSR Progress Report	Low Low Low	Medium Medium Medium	Timeline Attached	Yes
Information Management					
IPF	Self Service IPF	Low	Low	Timeline Attached	Yes
Type 4, 6, 7, 8 Processing		Low	Medium	Timeline Attached	
e-Notification					
Common mailer e-mail notification & registration	Mailer	Medium	High	Timeline Attached	Yes
e-Request					
ARA 901	ARA Request No Cost Extension	Low Low	Low Low	Timeline Attached	
Common Modules					
Persons Module	Self Service Profile	High	High	Timeline Attached	Yes
Edit Checker	Edit Checker	High	Medium	Timeline Attached	Yes
Other Applications					
Internet Assisted Review		Low	Medium	Timeline Attached	Yes
User Admin	Registration; Account administration	Low	Low	Timeline Attached	8
Grants Closeout	iEdison	Low	Low	Timeline Attached	

Phase 1 Planned

Internal	External	Criteria			
Phase 1		Dependency	Complexity	Business Priority	Need to be web based
Committee Management					
CM Fast track		Low	High	Timeline Attached	Yes
RAE					
ICSTORE, QV, CRISP+, IQR, GrantFolder, GUM – View only, QVR, ECB	CRISP-Web, Status	Low	Low	Timeline Attached	
Trainee – Supportee					
Trainee	X-Train	Low	Low	Timeline Attached	
Program					
Program Module + Program part of ICO, Program Portal	e-SNAP FSR Progress Report	Low Low Low	Medium Medium Medium	Timeline Attached	Yes
Information Management					
IPF	Self Service IPF	Low	Low	Timeline Attached	Yes
Type 4, 6, 7, 8 Processing		Low	Medium	Timeline Attached	
e-Notification					
Common mailer e-mail notification & registration	Mailer	Medium	High	Timeline Attached	Yes
e-Request					
ARA 901	ARA Request No Cost Extension	Low Low	Low Low	Timeline Attached	
Common Modules					
Persons Module	Self Service Profile	High	High	Timeline Attached	Yes
Edit Checker	Edit Checker	High	Medium	Timeline Attached	Yes
Other Applications					
Internet Assisted Review		Low	Medium	Timeline Attached	Yes
User Admin	Registration; Account administration	Low	Low	Timeline Attached	9
Grants Closeout	iEdison	Low	Low	Timeline Attached	

Architecture Priorities

- March
 - Technical Architecture
 - Shared hitlist framework
 - CGAP
 - Auditing & Usage statistics
 - Edit Checker
- July
 - E-Request (No cost extension)
 - Workflow & E-notification
 - Website integration & Content Management
 - Portfolio Management
 - Customizable checklist
 - Knowledge Management – (Review)
- October
 - Data Architecture
 - IRDB redesign
 - RAE
 - Wireless prototype

Phase 2 – Proposed last year

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y		
1			DRAFT	Analysis		Design & Development		Efforts ongoing																			
2	Migration Order			This color represents the Architecture that need to be done for projects that will start before full eRA enterprise architec																							
3				2003												2004											
4	Application Phase 2			Septen	Octobe	Novem	Decem	Januar	Februa	March	April	May	June	July	August	Septen	Octobe	Novem	Decem	Januar	Februa	March	April	May	June		
6	GM - F&B	Internal	Budget Planning																								
8	CM	Internal	CM																								
9		External	CM-Voucher submission																								
11	Receipt	Internal	Receipt																								
12		External	c-GAP																								
13		Internal	Referral																								
15	Other	Both	Checklist (J2EE)																								
16		Internal	GUM																								
17			Business Intelligence - IRDB																								
18			DEA (ICO)																								
19			User Admin																								
20			Batch Assinment Module																								
21			Interface																								
22			CD Ordering																								
22			PopTracking																								
23		External	Supplemental Fund Request																								
24			Change Institution Request																								
25			Change PI Request																								
26			Successor of Interest																								

Will Change

Phase 2

	External	Criteria			
Ph		Dependency	Complexity	Business Priority (Time line 16-18)	Need to be web based
Grants Management					
Grants Payment Management		Low	Medium	Timeline Attached	
F&B – Budget Planning		Low	Medium	Timeline Attached	
Receipt	c-GAP, e-NAP	Low	High	Timeline Attached	Yes
Referral		Low	Medium	Timeline Attached	
(Program Coding)		Low	Low	Timeline Attached	
CM	Consultant File	Low	High	Timeline Attached	
	Voucher entry	Low	Medium	Timeline Attached	Yes
Checklist (J2EE)		High	Medium	Timeline Attached	
GUM		High	High	Timeline Attached	
DEA (ICO)		High	High	Timeline Attached	
Trainee Payback, SITS	SITS – Request	Medium	Medium	Timeline Attached	
Business Intelligence – IRDB		-	Medium	Timeline Attached	
Finance & Budget		Low	Medium	Timeline Attached	
Other Applications					
Pop-Tracking	Pop-Tracking Submission	Low	Low	Timeline Attached	
User Admin		Low	Low	Timeline Attached	
Batch Assignment Module Interface		Low	Low	Timeline Attached	
e-Request					
	Supplemental Fund Request (Administrative and SITS) Change Institution Change PI Successor of Interest	Medium Low Low	Medium Low Low	Timeline Attached	
CD Ordering		Low	Low	Timeline Attached	12
-----Migrate All Common Modules -----					

Phase 3

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1			DRAFT	Analysis				Design & Development							Efforts ongoing								
2	Migration Order			This color represents the architecture that need to be done for projects that will start before full eRA enterpris																			
3																							
4	Application			Septen	Octobe	Novem	Decem	Januar	Februa	March	April	May	June	July	August	Septen	Octobe	Novem	December				
5	Phase 3																						
6		External	cGAP-Subprojects																				
7		Internal	SubProjects																				
8		Internal	GM																				
9		Internal	Review																				
10		Internal	Records Management																				
11																							

Will Change

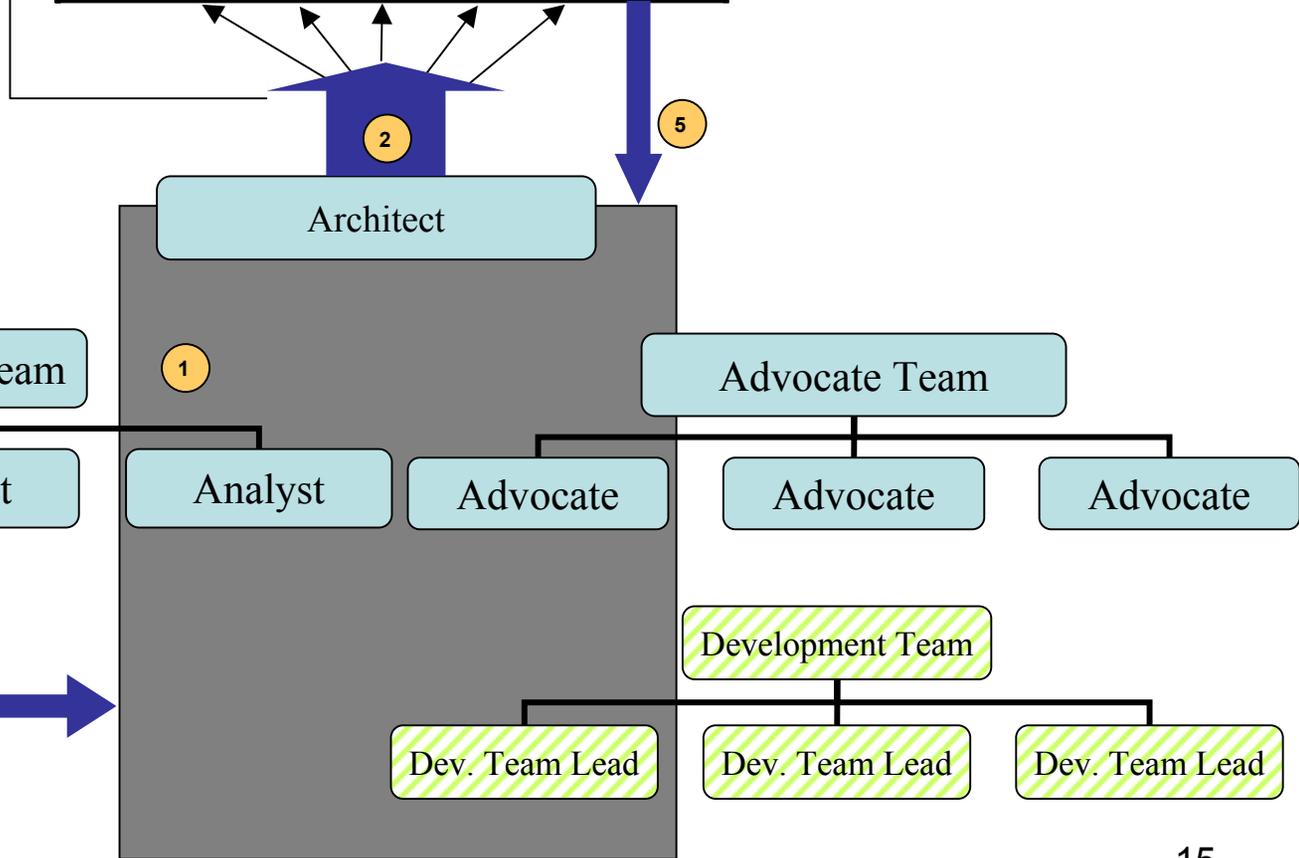
Phase 3

Internal	External	Criteria			
Phase 3		Dependency	Complexity	Business Priority (Time line 16-18)	Need to be web based
Subprojects	c-GAP Subprojects	Medium	High	Timeline Attached	
GM		Medium	High	Timeline Attached	
Review		High	High	Timeline Attached	
Records Management		Low	Medium	Timeline Attached	

Functional Architecture

Enterprise Functional Architecture

All Business Areas -> here represent Internal and external systems	G M	C M	T A	Rev	Rec	F&B
e-Notification						
Assignment						
Checklist						
Grant update						
Coding (Human Sub)						

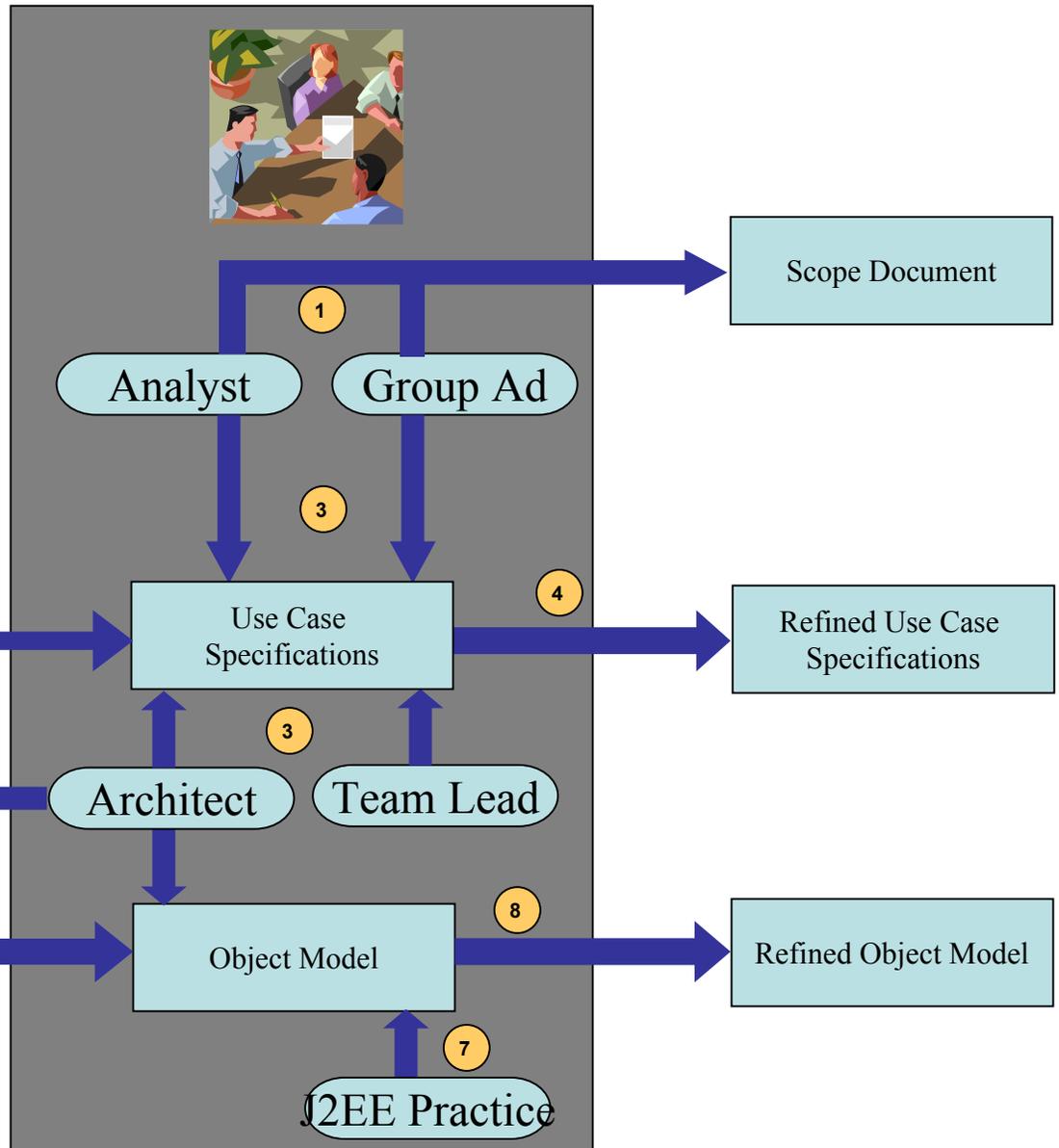


Current Efforts
-Use Cases
-Object Model

Systems Design

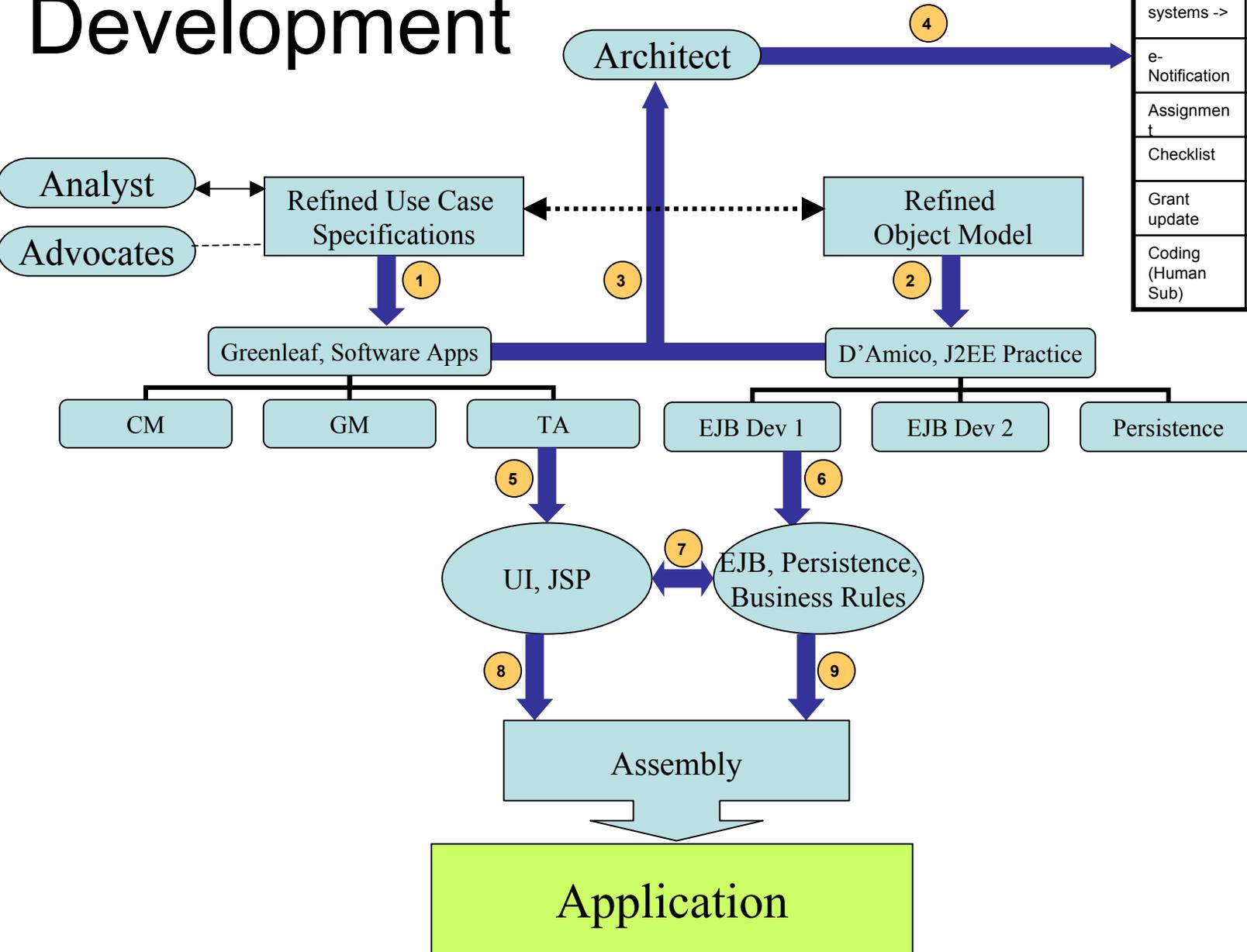
Enterprise Functional Architecture

All Business Areas -> here represent Internal and external systems e-Notification	G M	C M	T A	R e v	R e c	F&B
Assignment						
Checklist						
Grant update						
Coding (Human Sub)						



Systems Development

Enterprise Functional Architecture



Internal and external systems ->	G M	C M	T M	A R	R e v	R e c	F & B
e-Notification							
Assignment							
Checklist							
Grant update							
Coding (Human Sub)							

Some FY03 Priorities

- CGAP
- Website Integration
- RAE
- Program Module
- Trainee
- Infrastructure
 - Workflow
 - E-Request
 - etc.

Questions?

